AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for determining by a UTRAN a persistence value for adjusting a number of access preambles from a plurality of UEs requiring assignment of a common packet channel (CPCH), the method comprising the steps of:

counting the number of the access preambles detected in an access preamble period having a predetermined period for each transport format of a plurality of different transport formats, each transport format ~~that~~ contains information related to an amount of transmission data and a data rate of each transport format;

determining the persistence value based on the number of counted access preambles for each transport format; and

transmitting the determined persistence value to the UEs in a cell controlled by a Node B,

wherein the persistence value is determined based on the amount of transmission data and the data rate of each transport format.

2. (Cancelled)

3. (Original) The method as claimed in claim 1, wherein the persistence value is determined in a unit of physical common packet channel (PCPCH).

4. (Original) The method as claimed in claim 1, wherein the persistence value is determined in a unit of CPCH set.

5. (Currently Amended) A method for determining by a UTRAN a persistence value for adjusting a number of CD (Collision Detection) preambles from a plurality of UEs requiring a CPCH, the method comprising the steps of:

counting the number of CD access preambles detected in an access preamble period having a predetermined period for each transport format of a plurality of different transport formats, each transport format ~~that~~ contains information related to an amount of transmission data and a data rate of each transport format;

determining the persistence value based on the number of counted CD access preambles for each transport format; and

transmitting the determined persistence value to the UEs in a cell controlled by a Node B,

wherein the persistence value is determined based on the amount of transmission data and the data rate of each transport format.

6. (Cancelled)

7. (Original) The method as claimed in claim 5, wherein the persistence value is determined in a unit of PCPCH.

8. (Original) The method as claimed in claim 5, wherein the persistence value is determined in a unit of CPCH set.

9-12. (Cancelled)

13. (Previously Presented) A method for adjusting common packet channel(CPCH) access preambles from user equipments(UEs) requiring assignment of CPCH, comprising the steps of:

requesting measurement of the CPCH access attempts;

upon receipt of a measurement request, counting the number of the CPCH access preambles transmitted from the UEs during a time unit;

reporting the counted number of the CPCH access preambles to a controlling radio network controller(CRNC);

determining, in the CRNC, persistence values of each transport format based on the number of the CPCH access preambles reported; and

providing the persistence values to the UEs;

performing in a UE, a persistence test by using the provided persistence values before transmitting a common packet channel access preamble;

transmitting the common packet channel access preamble to the Node B when the persistence test allows the transmission of the common packet channel access preamble;

upon receiving an acknowledge message from the Node B, transmitting a collision detection preamble from the UE to the Node B; and

transmitting a common packet channel message from the UE to the Node B if the UE received an acknowledge message for the collision detection preamble from the Node B.

14-16. (Cancelled)

17. (Original) The method as claimed in claim 13, wherein the step of counting the number of CPCH access attempts is performed in a unit of PCPCH.

18. (Original) The method as claimed in claim 13, wherein the step of counting the number of CPCH access attempts is performed in a unit of CPCH set.

19. (Previously Presented) The method as claimed in claim 13, wherein the acknowledge message for the collision detection preamble is a collision detection indicator channel message.

20. (Previously Presented) The method as claimed in claim 13, wherein the acknowledge message for the collision detection preamble is a collision detection/channel assignment - indicator channel message.